IN THE ABSTRACT:

Please amend the Abstract of the Disclosure to read as follows:

~~The present invention is to provide an~~ An all-electric glass-melting deep furnace and a method of refining and supplying glass are disclosed in which high-quality molten glass ~~can be~~ is efficiently produced in large quantity at high heat efficiency. ~~An all-electric~~ The glass-melting deep furnace 20 has a bottom 2 and a side wall 4 constructed by piling up fireproof bricks 3 on the perimeter of the bottom 2. A height *H* of the side wall 4 is set to be twice or more than twice as long as an inside dimension *D* of the bottom 2 of the furnace. Since the furnace 20 is deep, there can be achieved a thick batch layer, a space in which glass is melted at high temperature, and a cooling area which is necessary to refine molten glass. ~~The method of the present invention makes it possible to remove seeds which are generated when glass raw material are melted. Also, the method of the present invention~~ The furnace makes it possible for the molten glass 6 to absorb fine seeds by

its pressure and cooling effects that are produced when the seeds move downward to the bottom 2. ~~Thus, the deep furnace makes it possible to produce high-quality glass containing fewer seeds in large or small quantity at high heat efficiency.~~